

DAVID STROHMAIER

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WORK AND TEACHING EXPERIENCE

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| 2019–Ongoing | Research Associate. University of Cambridge. Department of Computer Science and Technology. ALTA Institute. |
| 2024–25 | Supervision of MPhil thesis in Advanced Computer Science. University of Cambridge. |
| 2023 & 25 | Teaching assistant for “Introduction to Natural Language Syntax and Parsing”, including covering of lectures. University of Cambridge. |
| 2021–22 & 24 | Supervision for Prolog course. Robinson College. University of Cambridge. |
| 2017–18 | Third-year BA/MA-Course: <i>I, You, We</i> . Designed and taught with James Lewis. Opportunity competitively awarded. University of Sheffield. |
| 2016–17 | Student tutor. Course: <i>Paradox and Plurality. Zeno to Aristotle</i> . University of Sheffield. |
| 2016 | Internship at the Hamburg Institute for Social Research (HIS). |
| 2013–14 | Student assistant. University of Göttingen. Department of Sociology. |

EDUCATION

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| 2023–Ongoing | PhD in Computer Science. University of Cambridge (Darwin College). |
| 2018–2019 | MPhil in Advanced Computer Science. Awarded with Distinction. University of Cambridge (Darwin College). |
| 2015–2018 | PhD in Philosophy. University of Sheffield. |
| 2014–2015 | MA in Philosophy. University of Sheffield. |
| 2012–14 | BA in Philosophy and Sociology. Grade: 1.3. University of Göttingen. |
| 2011–14 | BA in Sociology. Grade: 1.3. University of Göttingen. |

PUBLICATIONS

Books

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| 2024 | “Preference Change”. With: Michael Messerli. Cambridge University Press. |
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Proceedings

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| 2025 | “DLU: Dictionary Look-Up Data and Prediction”. First author. With Gladys Tyen, Hongyi Gu, Diane Nicholls, Zheng Yuan, and Paula Buttery. In: <i>CoNLL</i> |
| 2025 | “Contrafactuals, Learnability, and Production”. First author. With Simon Wimmer. In: <i>ELM3</i> |
| 2024 | “Semantic Error Prediction: Estimating Word Production Complexity”. First author. With Paula Buttery. In: <i>NLP4CALL 2024</i> |

- 2023 "Contrafactuals and Learnability: An Experiment with Propositional Constant". With Simon Wimmer. In: *Logic and Engineering of Natural Language Semantics*
- 2022 "Contrafactuals and Learnability". With Simon Wimmer. In: *Amsterdam Colloquium*
- 2022 "A Category Theory Framework for Sense Systems". With Gladys Tyen. Equal Contribution. In: *Globalex Workshop on Linked Lexicography within the 13th Language Resources and Evaluation Conference*
- 2021 "Cambridge at SemEval-2021 Task 1: An Ensemble of Feature-Based and Neural Models for Lexical Complexity Prediction". Third author. With Zheng Yuan and Gladys Tyen. In: *Proceedings of the 15th International Workshop on Semantic Evaluation (SemEval-2021)* (inclusive peer-review)
- 2021 "Cambridge at SemEval-2021 Task 2: Neural WiC-Model with Data Augmentation and Exploration of Representation". Second author. With Zheng Yuan. In: *Proceedings of the 15th International Workshop on Semantic Evaluation (SemEval-2021)* (inclusive peer review, model achieved best results on subset of tracks)
- 2020 "SeCoDa: Sense Complexity Dataset". First author. With: Sian Gooding, Shiva Taslimipour, and Ekaterina Kochmar. In: *12th International Conference on Language Resources and Evaluation (LREC 2020)*. (peer-review non-blind.)

Journal Papers

- 2021 "Organisations as Computing Systems". In: *Journal of Social Ontology*.
- 2021 "Ontology, Neural Networks, and the Social Sciences". In: *Synthese*.
- 2020 "Social-Computation-Supporting Kinds". In: *Canadian Journal of Philosophy*.
- 2020 "Two Theories of Group Agency". In: *Philosophical Studies*.
- 2018 "Group Membership and Parthood". In: *Journal of Social Ontology*.

Book Chapters

- 2015 "Die Entstehung des Staates aus der Geschichte der Gewalt". In: *Den Staat Zerschlagen! Anarchistische Staatsverständnisse*. Editor: Peter Seyferth. Nomos Verlag. 65-84.

Online Essays

- 2017 "Gruppen als Akteure". [Groups as Agents]. Soziopolis.de.

Book Reviews

- 2021 Review of Richard Pettigrew's *Choosing for Changing Selves*. In: *The Philosophical Quarterly*.
- 2019 Review of Richard Bradley's *Decision Theory with a Human Face*. In: *Philosophical Psychology*.

SUMMER SCHOOLS AND RESEARCH VISITS

31st European Summer School in Logic, Language, and Information 2019

Location: Latvian University, Riga

Duration: 2 weeks

Research Visit at the London School of Economics 2018

Host: Prof. Christian List

Duration: 1 trimester

Research Visit at Tufts University 2017

Host: Prof. Brian Epstein

Duration: 1 semester

Research Visit at the University of Münster 2016

Host: Prof. Michael Quante

Duration: Less than 1 month

GRANTS, SCHOLARSHIPS AND AWARDS

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| 2024 | Darwin Travel fund (£200) for attending a conference as a presenter. |
| 2015–18 | Arts and Humanities Research Council (AHRC) Competition Studentship for three years. Competitively awarded via White Rose College of the Arts and Humanities (WRoCAH). |
| 2018 | Postgraduate Researcher Experience Programme (£500) for a research visit at the LSE. |
| 2017 | WRoCAH Small Award (£106) for attending a conference as a presenter. |
| 2017 | WRoCAH Small Award (£200) for attending a conference as a presenter. |
| 2017 | WRoCAH Large Award funding confirmation (£2891) for primary research support costs (visit at Tufts University). |
| 2016 | WRoCAH Small Award (£162.48) for attending a conference as a presenter. |
| 2016 | WRoCAH Small Award (£200) for attending a conference as a presenter. |
| 2016 | WRoCAH Large Award funding confirmation (£1500) for primary research support costs (visit at Münster University). |
| 2015 | WRoCAH Small Award (£200) for personal extraordinary supervision by the director of the Hamburg Institute for Social Research Wolfgang Knöbl. |
| 2015 | Award for best BA dissertation in the social sciences at the University of Göttingen (€250). |
| 2013 | Niedersachsenstipendium (competitively awarded) |
| 2011 | Deutschlandstipendium (competitively awarded) |

INVITED TALKS

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| 2025 | Workshop: "Foreign language learning and proficiency-rated reading materials. University of Tübingen. Title: <i>The Read&Improve Dictionary Look-up Data</i> . |
| 2025 | Workshop: "Artificial Intelligence and Non-Human Entities: In Search of Synergies from Various Philosophical Debates". University of Heidelberg. Title: <i>Neuronale AI und organisierte Gruppenakteure</i> . |
| 2025 | Workshop: "How we do (not) talk about mistaken beliefs". University of Düsseldorf. Title: <i>Experimenting with contrafactuals: adjusting for empirically attested distributions</i> |
| 2024 | Masterclass on Transformer AI model. University of Barcelona. |
| 2022 | Work in Progress Group. University of Dortmund. Title: <i>Commitment-based Preference Change</i> . |
| 2021 | Cognitive science talk. University of Sheffield. Title: <i>DL4ELSA: Deep Learning for Exploring Lexical Semantic Acquisition</i> . |
| 2021 | Philosophy & AI Workshop. Online. University of Leeds. Title: <i>Ontology, Neural Networks, and the Social Sciences</i> . |

CONFERENCES AND WORKSHOPS (PEER-REVIEWED WITHOUT PROCEEDINGS)

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| 2020 | Social Ontology 2020. Online. Title: <i>Social-Computation-Supporting Kinds</i> . |
| 2019 | Socreal 2019. Sapporo. Title: <i>There Are No Empty Groups</i> . |
| 2019 | Social Ontology 2019. Tampere. Title: <i>Computational Social Ontology</i> . |
| 2018 | European Network for Philosophy of the Social Sciences (ENPOSS) Conference 2018. Hannover. Title: <i>Deep Cooperation</i> . |
| 2018 | Social Ontology 2018. Boston. Title: <i>Group Agency and Homuncularism</i> . |
| 2018 | Foundations of Utility and Risk (FUR) Conference 2018. York. Title: <i>Deep Cooperation</i> . |
| 2017 | European Network for Philosophy of the Social Sciences (ENPOSS) Conference 2017. Krakow. Title: <i>Nested Groups. Membership and Parthood</i> . |
| 2017 | European Network on Social Ontology (ENSO) V. Lund. Title: <i>Nested Groups. Membership and Parthood</i> . |
| 2017 | Cognition in Groups. Milan. Title: <i>Group Agency and Homuncularism</i> . |
| 2016 | Collective Intentionality X. The Hague. Title: <i>A New Condition for Group Agency</i> . |
| 2016 | 3rd International Conference Economic Philosophy. Aix-en-Provence. Title: <i>Corporations as Group Agents</i> . |
| 2015 | Graduate Workshop on Kant and German Idealism. University of Warwick. Title: <i>On the Relation between Kantian Theoretical Philosophy and the Phenomenology of Spirit</i> . |

ACADEMIC SERVICE

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| 2025 | Reviewer for the <i>Building Educational Applications</i> workshop. |
| 2022–Ongoing | Chair of the Language Technology group meetings. ALTA institute. |
| 2023 | Reviewer for the <i>EMNLP Industry Track</i> . |
| 2021 | Reviewer for the <i>Journal of Artificial Intelligence Research</i> . |
| 2019 | Reviewer for the <i>Journal of Social Ontology</i> . |
| 2017–18 | Treasurer of the White Rose Philosophy Postgraduate Forum. |
| 2016–17 | Organiser of the Social Norms and Obligation Workshop. University of Sheffield. Funded by WRoCAH and the Mind Association. |

ONLINE PRESENCE

Github: github.com/dstrohmaier **Website:** dstrohmaier.com

LANGUAGES

German (first language)
English (fluent)
French (basic)